

Title (en)

COMBUSTION WICK OF LIQUID FUEL COMBUSTOR

Title (de)

DOCHT FÜR EINE MIT FLÜSSIGEM BRENNSTOFF BETRIEBENE VERBRENNUNGSVORRICHTUNG

Title (fr)

MECHE DE COMBUSTION D'UNE CHAMBRE DE COMBUSTION DE COMBUSTIBLE LIQUIDE

Publication

**EP 0978686 A1 20000209 (EN)**

Application

**EP 99900677 A 19990126**

Priority

- JP 9900298 W 19990126
- JP 1262098 A 19980126
- JP 7024798 A 19980319

Abstract (en)

As regards drawing up liquid fuel by a wick and burning it at the tip, in order to match the flame to the needs of the burner by making it thin and long, the wick (6) for drawing up liquid fuel by a draw-up section (62) utilizing capillarity and burning it at a tip flame-producing section (61) is constituted of a porous material and at least a side surface not including the upper end surface (6a) of the flame-producing section (61) is provided with a skin layer (8) for suppressing volatilization of the liquid fuel. <IMAGE>

IPC 1-7

**F23D 3/08**; **F23D 3/40**; **F23Q 2/44**

IPC 8 full level

**F21V 37/00** (2006.01); **F23D 3/02** (2006.01); **F23D 3/08** (2006.01); **F23D 3/18** (2006.01); **F23D 3/40** (2006.01); **F23Q 2/44** (2006.01)

CPC (source: EP KR)

**F21V 37/002** (2013.01 - EP); **F23D 3/08** (2013.01 - EP KR); **F23D 3/18** (2013.01 - EP); **F23D 3/40** (2013.01 - EP); **F23Q 2/44** (2013.01 - EP)

Cited by

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